QUICK START GUIDE

4.3 inch Facial Time Attendance Terminal

Safety Precautions

Before installation, please read the following safety precautions for user safety and to prevent product damage.

Do not install the device in a place subject to direct sun light, humidity, dust or soot.

Do not place magnet near the device. Magnetic objects such as magnet, CRT, TV, monitor or speaker may damage the device.

Do not place the device next to heating equipment.

Do not to let liquid like water, drinks or chemicals leak inside the device.

Do not let children touch the device without supervision.

Do not drop or damage the device.

Do not disassemble, repair or alter the device.

Do not use the device for any purpose other than those specified.

Clean the device often to remove dust on it. While cleaning, do not splash water on the device but wipe it out with smooth cloth or towel.

Contact your supplier in case of a problem!

User Registration

1)Recommended Standing Position
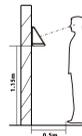
For user heights between 1.5m to 1.8m, it is recommended to install the device at 1.15m height above ground (may be modified according to user average height).

a.Recommended Registration and Verification Position
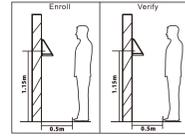
Recommended Procedures (as shown in the left image):During registration and verification procedures, the position of device should not be changed to prevent reduction in verification preciseness. If it is necessary to move the device,its vertical height should not be changed.

b. Factors Affecting the Preciseness of Verification
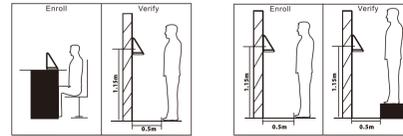
Non-identical registration and verification gestures

Non-identical registration and verification heights

User Registration
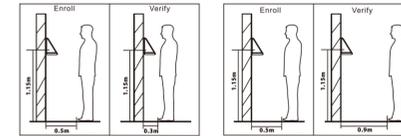
Non-identical registration and verification distances from device

Non-identical registration and verification distances from device

2) Recommended face Expressions vs.poor Expressions:

YES / **NO**
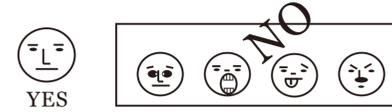
3) Registration

a. During registration, it is required to adjust your upper body to fit your eyes into the green frame on the screen.
b. During verification, it is required to show your face in the center of the screen and fit your eyes into the green frame on the screen.

Device Overview

Front

- Indicator
- Touch screen
- Fingerprint sensor
- Camera
- Card reader area

Left Side

- Power Button
- Reset switch
- USB memory port

Back

- Battery slot
- Tamper alarm button
- SIM card slot
- Ethernet
- 12V Power
- RS485/232/Wiegand
- Door sensor
- Loudspeaker

Bell
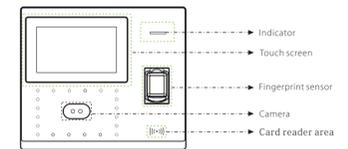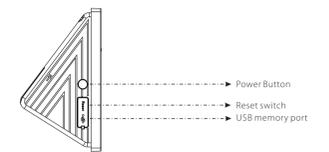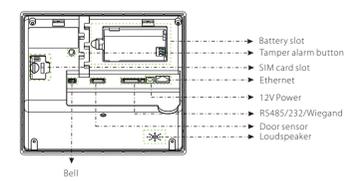
Device Dimensions & Installation

❖ Product dimensions

4.72in (120mm)
6.76in (171.8mm)
5.17in (131.5mm)
7.84in (199.2mm)
3.81in (96.9mm)
84mm
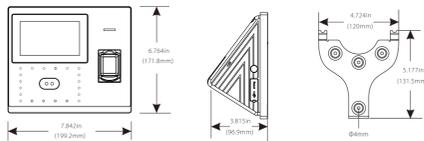
❖ Mounting the device on wall

① ② ③ ④

1.15m
Ø3.5mm
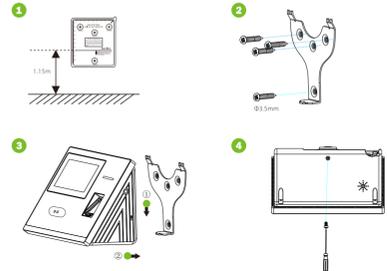
① Paste the mounting template sticker onto the wall, and drill holes according to the mounting paper.
② Fix the back plate onto the wall using wall mounting screws.
③ Insert the device into back plate.
④ Use security screw to fasten the device to back plate.

Bell Connection

❖ External bell normally opened connection

+12V   GND

Bell

DESCRIPTION	WIRE	
NO2	Red	
COM2	Red	
NC2	✖	Gray

✖ Do not use
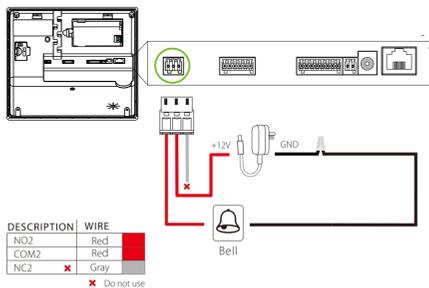
❖ External bell normally closed connection

Bell

+12V   GND

DESCRIPTION	WIRE	
NO2	✖	Gray
COM2	Red	
NC2	Red	

✖ Do not use
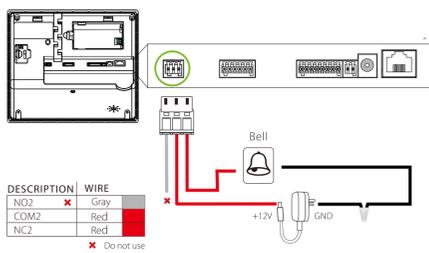
Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock.For example the NO LOCK (normally)opened

❖ Device not sharing power with the lock

COM1 — +12V DC
GND

⚠ Maximum 30V 2A input.

DESCRIPTION	WIRE	
SEN	Yellow	
GND	Black	
BUT	✖	Green
NO1	✖	Blue
COM1	Black	
NC1	Gray	

✖ Do not use

⚠ Do not reverse the polarity.

Sensor   Sensor   GND   NC1

FR107 DIODE

Normally Closed Lock
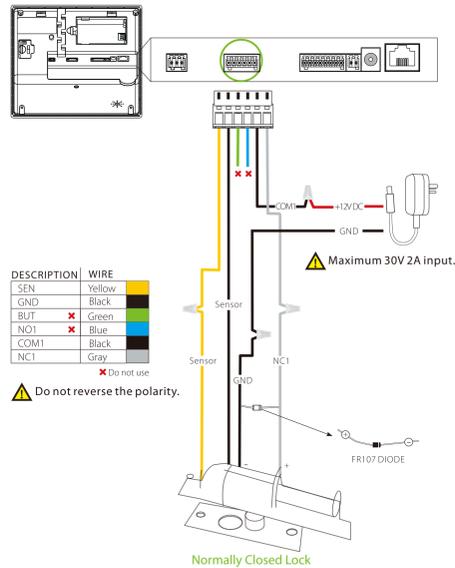
Lock Relay Connection

❖ Device sharing power with the lock

+12V DC
COM1
GND

DESCRIPTION	WIRE	
SEN	Yellow	
GND	Black	
BUT	✖	Green
NO1	✖	Blue
COM1	Black	
NC1	Gray	

✖ Do not use   Sensor   Sensor   NC1

FR107 Diode

Normally Closed Lock
⚠ Maximum 12V 2A input.
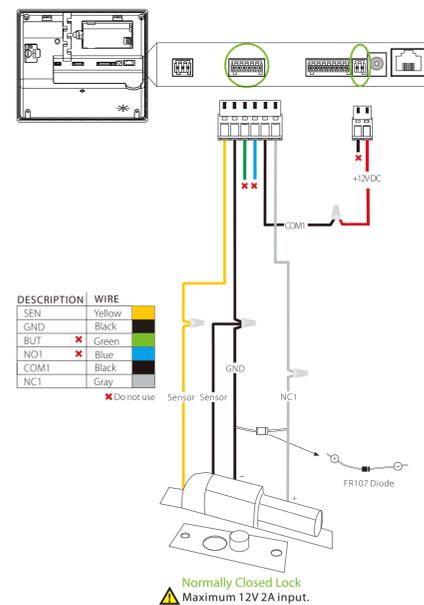
Ethernet Connection

❖ Connecting the device to PC via cross cable

ZKTime Web
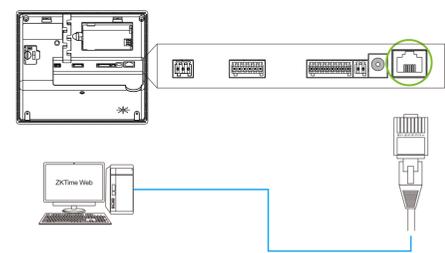
❖ Connecting the device to PC via the CAT-5 cable and switch to create a local network

ZKTime Web
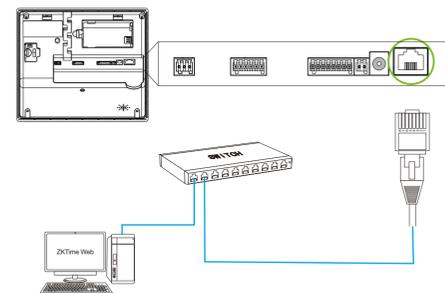
RS232 Connection

❖ Printer connection

GND RXD TXD

DESCRIPTION	WIRE	
485-	✖	Yellow
485+	✖	Blue
GND		Black
TXD		Green
RXD		Red
WD0	✖	Gray
WD1	✖	Purple
SGND	✖	Black

✖ Do not use

Serial Printer

RS232 Cabel
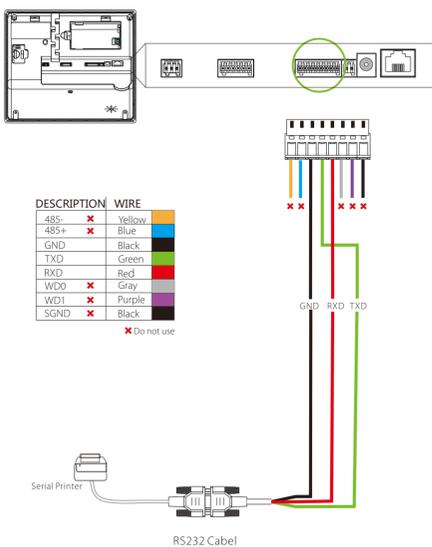
Wiegand Output Connection

DESCRIPTION	WIRE	
485-	✖	Yellow
485+	✖	Blue
GND	✖	Black
TXD	✖	Green
RXD	✖	Red
WD0		Gray
WD1		Purple
SGND		Black

✖ Do not use

Wiegand Device
Wiegand In

WD0
WD1
SGND
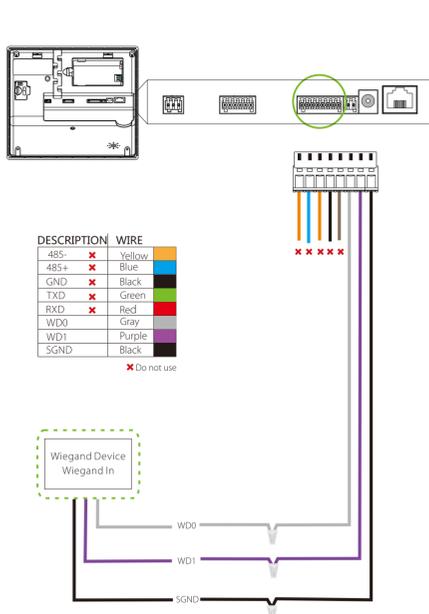
Power Connection

❖ With UPS (Optional)

UPS

12V DC Adaptor

❖ Without UPS

GND   +12V DC

+12V DC Input/Out
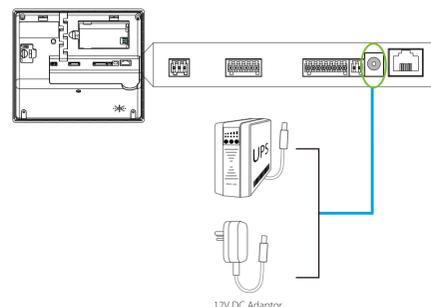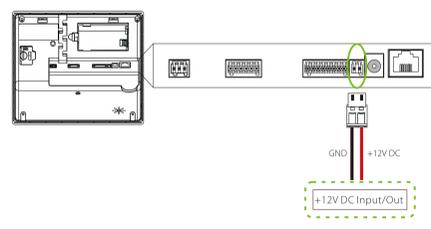
Standalone Installation

Option A
ZKTime Web
PC

Option B
ZKTime.net
PC

WAN
3G
TCP/IP
SWITH

Doorsensor

G3

Lock

EXIT
Exit Button

External Bell

Serial Printer
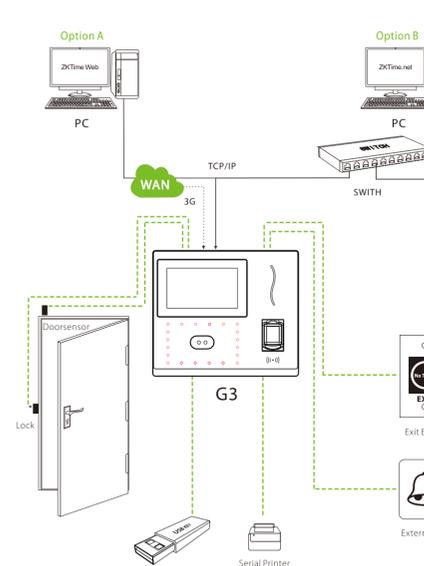
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